

THE SHIPPING WORLD

JANUARY - JUNE, 1961

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LIST OF ABBREVIATIONS

c. - cargo. Ch. - Channel. D.E. - diesel-electric. F.V. - fishing vessel.
 m. - motor. P. - passenger. p.c.v. - passenger and cargo vessel.
 r.f. - refrigerated. stm. - steam. s.s. - steamship. T.E. - turbo-electric.
 Tkr. - tanker. Tpt. - transport. V. - vessel.

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c.-cargo. Ch. - Channel. D.E. - diesel-electric. F.V. - fishing vessel.
 m. - motor. P. - passenger. p.c.v. - passenger and cargo vessel.
 r.f. - refrigerated. stm. - steam. s.s. - steamship. T.E. - turbo-electric.
 Tkr. - tanker. Tpt. - transport. V. - vessel.

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Connell & Co. Ltd. Charles	163	Dracone	476
Container Ship	43,111.185,502	Dry Dock	81,111.412
Control Console	422,446	Floating	135
		Drypool Engineering and Dry Dock Co. Ltd.	190
		Duncan, J.R.	111.268
		Dundee, Perth & London Shipping Co. Ltd.	415

Dunston Ltd. Richard	277,483	Galbraith, Pembroke & Co.Ltd.	77
Durapipe & Fittings Ltd.	144	Gas Council	354
Durastic Ltd.	474	Gas Oil	
Earle, Lt.Col.Charles	111.369	Tanker	111.141
East African Railways	125	Gas Turbines	8,372
East Germany	7	Yacht	111.129-130
Edney, G.	257,111.333	Generator	348
Edwards, Sir George	111.352	Gdynia	242,111.357
Elder Dempster Lines	183	Gearing, Epicyclic	497
Electrical Trades Union	20	Gebbie, J. Ramsay	295
Electricity	418	General Electric Co.Ltd.	21
Electronic Aids,		General Precision Systems Ltd.	92
In Surveying	179	Generators	
Elektrofin Stabiliser	340	Propeller Shaft-Driven	126-7,323
Elliott-Automation .	484	Gas Turbine	348
Elliot Equipment Ltd.	477	Germany	
Elsinore Shipbuilding &		Shipbuilding	120,141
Engineering Co.Ltd.	379	Shipping	158,505
Empresa Insulana de Navegacao	379	Ghana	502
Energy Conversion Ltd.	453	Giessen & Zonen C.van der	47
English Electric Co.Ltd.	501	Glass Reinforced Plastic Boats	111.309
Epoxy Resin	233	Gladwell, R.T.	111.215
Eriksbergs Mek. Verkstads	87	Gotaverken	336,111.346,500
Esso Petroleum Co.Ltd.	326,463	Gothenburg	242
Expandite Ltd.	314	Grangemouth Dockyard Co.Ltd.	94,345
Europe Australia Line	238	Grangesberg-Oxelosund Trafik A/B	475
Fairfield Shipbuilding &		Gray & Co.Ltd. William	9,176,218
Engineering Co.Ltd.	138,415	Grayson, Rollo & Clover	
Falconer, W.H.	111.506	Docks Ltd.	111.503
Fawley Refinery	111.228	Greece	
Federation of British		Shipowners	304
Industries	491	Greenland	182
Ferraro, Dr.F.	105	Greenock Dockyard Co.Ltd.	176
Ferro Enamels Ltd.	132	Greenock	81
Ferry		Gregory, J.K.G.	111.193
Passenger	111.142,111.459	Grieshaber, Gebruder	438
Car	111.165,111.193,111.459	Grieve, J.O.	111.334
Field Aircraft Services	155	Guest, Keen & Nettlefolds	453
Fire Extinguishers	387	Gulf Eastern Co.	135
Fisher Governor Co.Ltd.	484	Gulf Oil	128,468
Fisher & Sons Ltd. James	258	Gusto, Werf.	128
Flag Discrimination	138	Hague Rules	41,476
Flexibox Ltd.	92	Haifa	428
Floating Dock	111.348	Hall Corporation of Canada	21
Food & Agriculture		Hall, Russell & Co.Ltd.	133
Organisation	159	Halmatic Ltd.	155
Forth & Clyde Canal	373	Hamburg/South America Line	123
Fredriksstad Mek.Verksteds	273	Hamilton & Co.Ltd. William	21
"Free Flow" System	421,455	Hancock & Co.(Engineers) Ltd.	132
Freezing		Handrail	
Fish at Sea	3,19	Plastic	92
French Line	415	Hansen, A/S. Helly J.	228
Fuel Cell	453,476	Hardy, Commander A.C.	492
Fuel Ignition Ltd.	95	Harkers Ltd. John	253
Fuel Policy	393	Harland & Wolff Ltd.	102,434
Furneaux, D.P.	318	Harris & Sons Ltd. P.K.	42
Furness Shipbuilding Co.Ltd.	418,473	Haslar	493
Furness Withy &		Hatch Cover	111.173
Co.Ltd.	178,237,243,454	Hawkins & Tipson Ltd.	172
Gaffney, J.Marshall	17	Hellenic Register of Shipping	102
G.A.G. plate development		Hellenic Shipyard Co.	147,367
gig	307	Hill, Ted	19

Helsingborgs Varfs A/B	404	Israel Shipyards Ltd.	428
Hilton, G.	111.268	Israel	46,102,118,181, 182,367,377,482
Hitachi Shipbuilding & Engineering Co.Ltd.	457	I.V. Pressure Controllers Ltd.	92
Hodson, Ralph	111.369	Italy	
Holland-America Line	280	Shipbuilding	424,482
Holt & Co. Alfred	394,506	Jackson, P.	492
Hong Kong	162	Jahre, Anders	111,123
Hose,		Japan	
Flexible	254	Shipping	23,32,45,83,182,199, 229,286,377,378,427,428,457
Houghton, A.W.E.	111.352	Ship building	46,120,142,158 161,241,313,329
Houldercoft, P.T.	111.411	Ports	121,122,229,263
Houlder Bros.Ltd.	406	Salvage	63
Hovercraft	111.12,79,238, 272,474,476	Jayant Shipping Co. (Private) Ltd.	158,199
Hovercraft Development Ltd.	187	Jointing Compound	314
Howaldtswerke Hamburg A.G.	151	Ka Me Wa Propellers	162
Howaldtswerke, Kieler	111	Kawasaki Dockyard	83
Hudson Bay Insurance	255	Kelvin & Hughes Ltd.	97
Hulls	111.33,427	Kockums Mekaniska Verkstads	153,205,323
Hungary	176	Kort Nozzle	111.94
Shipbuilding	111.386	Krupp-Stoeckicht	497
Hunter, John	393	Kure Shipyards	231
Hunting Group	155	Kuwait	503
Hunting, C.P.M.	111.452	Lamont & Co.Ltd. Jas.	486
Hunting, L.C.	111.452,469	Launch	111.175
Hydraulic Coupling	497	Lauritzen, J.	122
Hydrodynamics Research Laboratory	493	Leadum	145
Hydrofoil	24,46,78,124, 182,111.230,242	Leith Dock Commission	21,435
Icebreaker	42	Lenaghan, James	372
Idemitsu Oil Company	32	Lewis Berger (Great Britain) Ltd.	233
Ignition Torch	95	Liberty Ship Conversions	111.497-8
I.M.C.O.	414	Libya	
I.M.O. Pumps	314	Oil	349
Imodeco Buoy	128,172	Lifeboats	
India	83,159,199,286	Standard	238
Institute of Marine Engineers	260	& Davit Combined	239
Institute of Navigation	238	Liferaft, Davit-Launched	312
Institution of Engineers & Shipbuilders	281	Lighterage Clauses	42
Insurance		Linings	
Marine	2,37	Pumps	33
Companies	21	Valves	33
Insurance Institute of London	239	Link Line	42
Intercommunication System	227	Liquid Gas Tankers	111.83,354, 111.406-407.
International Air Transport Association	320,475	Lithgows Ltd.	305,437
International Cargo Handling Co-ordination Association	369	Liverpool, Port of	389,434
International Union of Marine Insurance	37,99,300	Lloyd Triestino	24
Invisible Earnings	80	Lloyd's Register. Ship- Building Returns	75,331
Iraq	503	Surveys	158
Irish Shipping Ltd.	9	"Load Master"	111.153
Iron Ore Shipping	105	Logistic Ship	415
Ishikawajima-Harima Heavy Industries	32,375	London Airport	210
Isle of Man Steam Packet Co. Ltd.	258	London Chamber of Commerce	119
		London General Shipowners' Society	492
		London, Port of	78,119,295
		London & Overseas Freighters	64,126,327
		London Steam-Ship Owners'	
		Mutual Insurance Association	237

Lord Line Ltd.	29	Necochea	159
Lorentzen, Oivind	273	Neoprene	33
MacAndrews & Co.Ltd.	345	Netmaking	282
MacGregor - Comarain, S.A.	455	New Zealand	431
MacGregor International		Newport	121
Organisation	419	Newport News Shipbuilding and	
MacGregor & Co. (Naval		Dry Dock Co.	218
Architects) Ltd.	173,238	Newsprint	
Mailer, Arthur	111.40	Carrier	111.404
Manchester Liners Ltd.	275	Niarchos Group	147
Marconi Marine	318,387,455	Nicholson, R.M.	111.77
Marconi-Siebe Gorman	21	Nielsen, Ove.	414
Marine Engineering		Nigerian National Line	116
Research	335	Normand G.A. Augustin	359
Marr & Son Ltd. J.	133	North Eastern Marine	
Maryland Port Authority	351	Engineering Co.Ltd.	500
Matthews, Jim	20	Norway	
Mavroleon Basil, M.	64	Shipbuilding	5,24,123,265,367,502
McCarley, J.T.	111.58	Whaling	139
McDavid, Sir Herbert	454	Tankers	142
McIver, Thomas	111.389	Shipping	229,347,414
McLachlan, Colin Donald	239	Nubaltwood Charter Party	260
McLachlan Davits Ltd.	238	Nuclear Propulsion	
Melbro Magnetic Tools Ltd.	387	Marine Projects	59,353,372,432
Merchant Navy & Airline		Nuclear Reactors	414,479
Officers' Association	136	Nu-Way Heating Plants Ltd.	467
Mersey Docks & Harbour Board		Ocean Travel Development	489
See Liverpool, Port of		Oil	
Methane	354	Drilling Platform	111.213
Carriers	111.406	Boom	228
Methane Tanker Finance Co.	406	Libyan	349
Miles Marine & Structural		Burner	445
Plastics Ltd.	188	Pollution	447
Milne, Sir James	293	Onocord Ltd.	387
Mirrlees, Bickerton &		Oranje Lijn. N.V.	90
Day Ltd.	473	Ore	
Miri	128	Pier	121
Mississippi Shipping Company	290	Carrier	99,474
Mitchell, C.Bradford	351	Port	121
Mitsubishi	264,347,407,417,428	Oskarshamn	428
	457,471	Osma Plastics Ltd.	92
Mitsui Shipbuilding &		Overseas Tankship (U.K.) Ltd.	281
Engineering Co.Ltd.	230	Pacobel	477
Mobil Tankships Ltd.	39	Paint	
Models	111.333	Heat-Reflecting	61
Moller, A.P.	264	Costs	145
Monrovia	121	Palm Line	39,439
Moore-McCormack Lines	63	Pametrada	413
Mormugao	390	Pan American Airways	35
Morrison, George	111.389	Panama Canal	325
Moss Vaerft & Dokk	285	Parnell, W.	77
Munro, G.H.J.	135	Parsons, C.E.	111.215
Naess Denholm & Co.Ltd.	417	Parsons Marine Steam	
Naess, Erling, D.	264,400	Turbins Co.Ltd.	25
Nagel, M. Raymond	111.257	Passengers	
National Bulk Carriers Inc.	231	Traffic	177
National Gas & Oil		Patey, Capt. A.G.	111.40
Engine Co.Ltd.	20,473	Patrol Boat	111.449
National Physical Laboratory	300	Pemberton, H.N.	353
National Research Development		Pepel	236
Corporation	453,476	Perkins, G.D.G.	111.451
National Union of Seamen	320	Peters & Co.Ltd. G.D.	15

Pfaudler Permutt Inc.	355	Richards, Dr. J.E.	414
Philip & Son Ltd.	490	Richardson, Ltd. A. & F.	467
Philipps, Hon. J.P.	399	Rickmers Werft	19,29
Pielstick Engines	141,497	Riuniti, Cantieri Navali	424
Pilot Vessel	111.235,	Robb, Henry	389
	111.236,111.474	Roberts Ltd. J.W.	446
Pilots		Roberts Dennis	57
U.K. Association	299	Rochdale Committee	119,491
Pilferage	121	Rockweld Ltd.	92
Pilgrim Ship	394	Roll	
Pipelines	429	in Ships	395
Piping		Rope	
Plastic	144	Sisal	172
Pitch		Route Estimating	494
Stabilisation	395	Rowan & Boden	300
Plastics		Royal Institution of Naval	
Piping	144	Architects	178,341
Platou A/S R.S.	24	Rumania	314
Plycol Ltd.	254	Russell, W.R.	111.369
Poland		Sabena Belgian World Airlines	475
Shipbuilding	354,111.357-8	Sales Ship	6,37,53,60,63,80,86,104,
Shipping	458		128,150,172,179,191,213,218
Port Brega	349		228,238,251,276,292,299,315
Port Transport Industry	321,371		326,349,362,382,408,429,440
Port of London Authority			454,468,476,487,503
See London, Port of		Salt End	150
Ports		Salvage Tugs	475
Congestions	121,122,491	Sarawak Shell Oilfields Ltd.	128
Japanese	121,122	Sargent, Capt. P.	111.370
Disbursement Accounts	391-2,507-8	Sarpsborg Mek.Verktsted	84,169
Portugal		Sasebo Heavy Industries	32
Shipbuilding	135	Schichau Monopol	266
Pounder, C.C.	260	Schlieker Werft	141
Pressure Gauge	132	Schofield & Sons Ltd.	33
Productivity		Scott, Jim	320
Shipyards	195,217	Scotts	435
Propane Carrier	111.407	Scott, M.A. Sinclair	111.268
Propellor Corrosion	294	Scott Misener Steamships Ltd.	45
Proteus Gas Turbines	129,449	Scotts' Shipbuilding &	
Pumps		Engineering Co.Ltd.	259,265,268
Linings for	33	Seakeeping	294
Fire	111.95	Seakindliness	300
I.M.O.	314	Seawork Ltd.	42,475
Turbo	501	Self-Unloading Ship	21,111.231
Pusnes Mek. Verksted	458	Separation Equipment	355
Q.3	319	Shaft Alternator	111.324-325
Radar		Shaw Savill & Albion Co.Ltd.	369
Training	80,97	Shell-Mex & B.P.Ltd.	418
Speed Trials	394	Shell Tankers Ltd.	418
Radio		Ship Constructors' &	
Trans-Atlantic	455	Shipwrights' Association	137
Radley, Sir Gordon	318	Ship Mortgage Finance Co.Ltd.	259
Railways	393	Shipbuilding	
Rand, W.B.	111.17	Costs	85,229
Reader & Sons Ltd. E.	51	Credits	177,229
Rebbeck, Dr. Denis	111.389	Subsidies	178
Recon (Pipelines) Ltd.	254	Research	293
Redshaw, L.	77	Shipbuilding Conference, The	20,297
Research	282,454	Shipbuilding Employers'	
Shipbuilding	293,413	Federation	195,389
Marine Engineering	335	Shipbuilding & Engineering	
Research Craft	159	Unions Confederation of	20,195

Shipwrights' Association	237	Tanker Tonnage	73,191,252
Short Belfast Aircraft	111,287	Charters	104,292
S.I.G.M.A.	419	Taylor, G.B.	111,97
Sisal Rope	172	Teleflex Products Ltd.	446
Smith, J.E.	111,117	Telegraph Construction & Maintenance Co.Ltd.	132
Shotblasting	93	Television	21,261
Simons Lobnitz Ltd.	138	Tema	424
Sjofart	61,138	Thermometer	132
Sloane, Norman	433	Thermotank Ltd.	25,446
Smith & Sons (England) Ltd.S.	97	Thioflex	314
Smithers, D.W.	389	Thomson, J.A.	111,18
Somerfin (Israel) Co.Ltd.	102,181	Thompson, Cyril	111,389
South American Saint Line Ltd.	351	Thompson Group, John	61,77
South African Marine Corporation Ltd.	39	Thornycroft & Co.Ltd.	
Spain		John I.	175,254,370
Tanker	427	Thurber, H.W.	505
Speed		Timber	
Trials by Radar	394	Imports	301
Spraying Pistol	50,446	Timber Trade Federation	260
Squatting	477	Tirreno Cantieri Del	424
Stabilisers	395,111,462	Tonnage	
Steels Engineering Products Ltd.	499	Analysis of British	54,303
Steering Gear	111,13	World	426
Stephen & Sons Ltd.Alexander	183	Measurement	455
Stern Trawler	19,111,29-31,133,111,384-5	Torry Research Station	3
Stewart, Iain	281	Tourism	395
Stirling & Co.Ltd.R.B.	72	Transport Bill	393
St. Lawrence Seaway	40,200,397,473,482	Tractor	176
Stockholm	427	Trawlers	100,111,277
Stoeckicht Gearing	497	Stern	19,111,29-31,111,134
Stoker, Kenneth	111,275	Subsidies	120
Stord Verft	285	Trim Loader	111,153
Submarine Cables Ltd.	359	Trooping	261,454
Subsidy	178	Truck, Battery-Driven	254
for airlines	320	Tube Profiling Machine	132
Suction Dredger	111,483	Tubing Flexible	190
Suez Canal	21,53,263,452	Tugs	
Sun Oil Company	252	Diesel	111,94,111,190,111,235
Sun Shipbuilding & Dry Dock Co.	135	Turbines	266
Supersonic Transport	320,475	Turbocharger	294
Surveys	158	Turkey	80,182
Electronic aids	179	Turner & Co. S.A. J.E.	138
Swan Hunter & Wigham Richardson Ltd.	25,39,209,319,411,439,491	Uddevalla A/B	126,327
Sweden	78,162,200,428	Union-Castle Line	300,476
Shipbuilding	195	United Flexible Metallic Tubing Co.Ltd.	190
Swedish Lloyd	264	United Kingdom Freight Demurrage & Defence Association Ltd.	42
Talkoo Dockyard & Engineering Co.	162	United Kingdom Mutual Steam Ship Assurance Association Ltd.	41
Tallygraph Transmitter	387	United States	
Tangen Verft	285	Shipping	5,20,40,59,63,102,124,141,158,181,197,200,242,282,313,397,447,455,458,502
Tank Gauging System	438	Immigration Laws	477
Tanker Market	42	United States Lines	17,279
Tanker		United Towing Co.Ltd.	190
Gas Oil	111,141	Universe Tankships Inc.	231
		Uruga Dock Co.	347
		Uruguay	138

U.S.S.R.		Weir Ltd. G. & J.	443,501
Shipping	24,182,425	Welding	
Oil Exports	53	Equipment	92
Hydrofoils	111,230	Vertical Machine	111,209
Tankers	382,458	Institute of	341
Vacuo Ltd.	400	Torch	446
Valor Co. Ltd.	387	Wells, Dr. A.A.	111,411
Valves		Werring Niels	111,269
Linings for	33	Werring Jr. Niels	111,269
Cargo	132	"Weser" A.G.	463
Bulkhead	419	West Germany	84
Positioner	484	Weyroc, R.P.	14
V.E.B. Mathias-Thesen Werft	7	Whaling	
Vedette Primer	93	Norway	139
Vereinigte Armaturen -		White, Alexander H.	111,297
Gesellschaft	485	Wilhelmsen, Tom	111,269
Vibration	434	Wilhelmsen, Wilh.	87,269
Vickers-Armstrongs (Shipbuilders)		Wilson, R.A.	111,451
Ltd. 77,193,319,401,412,461,491		Winchester, Tarleton	111,17
Vickers-Armstrongs (South		Windboats Ltd.	337
Marston) Ltd.	187,272	Winn & Coales Ltd.	33
Vickers-Armstrongs (Aircraft)		Worshipful Company of Shipwrights	328
Ltd.	352	Yacht	
Vickers Nuclear Engineering		Motor 111.78,111.170-171,111.383	
Ltd.	479	Gas Turbine	111.129-130
Vosper Ltd.	129,258,449	Yarrow & Co. Ltd.	78,125
Waeco Ltd.	50	York Shipley Ltd.	467
Wallsend Slipway & Engineering		Yugoslavia	415
Co. Ltd.	445	Zeettransport Maatschappij	90
Wavemakers	493	Zeitlin, M.	505
Web Gel Coat	132	Zim Israel Navigation	46,247,263,329,
			482,497,502

